503324674 05/28/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW P. DIKAN	08/01/2013
STEPHANE F. ROUANET	09/10/2013
HEATHER E. CLARKE	08/06/2013
BRUCE E. MACKAY	09/17/2013
DANNY PIERRE	09/25/2013

RECEIVING PARTY DATA

Name:	CABOT CORPORATION
Street Address:	TWO SEAPORT LANE
Internal Address:	SUITE 1300
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02210

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14723526

CORRESPONDENCE DATA

Fax Number: (978)670-8027

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 978-670-6191

Email: iplaw@cabotcorp.com **Correspondent Name:** MARIA BAUTISTA **CABOT CORPORATION** Address Line 1: Address Line 2: 157 CONCORD ROAD

Address Line 4: BILLERICA, MASSACHUSETTS 01821

ATTORNEY DOCKET NUMBER:	2011023US1DIV
NAME OF SUBMITTER:	MARIA BAUTISTA
SIGNATURE:	/Maria Bautista/
DATE SIGNED:	05/28/2015

PATENT REEL: 035728 FRAME: 0858 503324674

Total Attachments: 5

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PATENT REEL: 035728 FRAME: 0859

Docket No. 2011023US1

ASSIGNMENT

WHEREAS, we, Andrew P. Dikan of Boston, MA, U.S.A., Stephane F. Rouanet of

Westford, MA, U.S.A., Heather E. Clarke of Lancaster, MA, U.S.A., Bruce E. MacKay of

Framingham, MA, U.S.A., and Danny Pierre of Malden, MA, U.S.A., having invented the

subject matter described in the U.S. Patent Application entitled "HIGH STRUCTURE

CARBON BLACKS," the specification of which was filed on July 12, 2013, as United States

Patent Application Serial No. 13/940,945; and

WHEREAS, Cabot Corporation, a corporation organized and existing under and by

virtue of the laws of the State of Delaware, doing business at Two Seaport Lane, Suite 1300,

Boston, Massachusetts 02210, is desirous of acquiring the entire right, title and interest in and to

said application and the invention therein described and claimed and any Letters Patent that may

be issued upon said application or for the improvements therein contained.

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) lawful

money of the United States and other valuable considerations, in hand paid to us, the receipt and

sufficiency whereof is hereby acknowledged, we, Andrew P. Dikan, Stephane F. Rouanet,

Heather E. Clarke, Bruce E. MacKay, and Danny Pierre, have sold, assigned and transferred and

do hereby sell, assign and transfer unto Cabot Corporation, its successors and assigns, the entire

right, title and interest in and to said application and the invention therein contained, including

the right to apply for any Letters Patent in the United States of America and in any and all

foreign countries on said invention, and any and all other applications for Letters Patent on said

invention, in whatsoever countries, including all provisional, divisional, renewal, substitution,

continuation, continuation-in-part, reissue, re-examination and Convention applications based

upon said invention or upon said application, to the full end of the term or terms for which said

Letters Patent may be issued, and every priority right that is or may be predicated upon or arise

from said invention, said application and said Letters Patent, the same to be held and enjoyed by

Cabot Corporation, its successors and assigns, the same as it would have been held and enjoyed

by us if this assignment and sale had not been made.

Assignment - Page 1 of 5

Docket No. 2011023US1

And we hereby authorize Cabot Corporation, to file patent applications in any or all

countries on any or all of said invention in our name or in the name of Cabot Corporation, or

otherwise as Cabot Corporation, may deem advisable, under any International Convention or

otherwise.

And we hereby authorize the Commissioner of Patents of the United States and the

empowered officials of all other governments to issue or transfer all said Letters Patent to Cabot

Corporation, as assignee of the entire right, title and interest therein or otherwise as Cabot

Corporation, may direct, in accordance with this instrument of assignment.

We hereby represent and warrant that there are no rights or interests inconsistent with

the rights and interests granted herein and that we will not execute any instrument or grant or

transfer any rights or interests inconsistent with the rights and interest granted herein, and that

we, Andrew P. Dikan, Stephane F. Rouanet, Heather E. Clarke, Bruce E. MacKay, and Danny

Pierre have sold, assigned and transferred and do hereby sell, assign and transfer unto Cabot

Corporation, its successors and assigns, any further documents or instruments and do any and all

further acts that may reasonably be deemed necessary by Cabot Corporation to enable Cabot

Corporation, its successors or assigns, to file applications for the invention in any country where

it may elect to file such applications, and that may be necessary to vest in Cabot Corporation, its

successors and assigns, the title herein conveyed or intended so to be, and to enable such title to

be recorded in the United States and foreign countries where such application or applications

may be filed.

And we further covenant and agree, in consideration of the premises, that we, our

executors and administrators, will at any time, upon request, communicate to Cabot

Corporation, its successors and assigns, any facts relating to the invention and the improvements

contained therein and the history thereof, known to us or our executors and administrators, and

that we will testify as to the same in any interference or other litigation when requested so to do

by Cabot Corporation, its successors and assigns.

Assignment - Page 2 of 5

PATENT REEL: 035728 FRAME: 0861

IN TESTIMONY WHEREOF, I, Andrew P. 1	Dikan, have hereunto set my hand and
seal this 1st day of August, 2013.	
	Cussia
	Andrew P. Dikan
COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX	j
On this day of, 2013, be P. Dikan, before me known and known to me to be the executed the foregoing instrument, and s/he duly acknown same for the purpose therein set forth. Voltary October	e individual described herein and who owledged to me that s/he executed the NOTARY PUBLIC My Commission Expires:
IN TESTIMONY WHEREOF, I, Stephane F. and seal this so day of 30/20/2013.	Rouanet, have hereunto set my hand
	The state of the s
	Stephane F. Rouanet
COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX)) ss.)
On this day of 2002, 2002, be F. Rouanet before me known and known to me to be the executed the foregoing instrument, and s/he duly acknown same for the purpose therein set forth.	
Commonwealth of Muse State #15 My Commission Expires on May 11, 2018	NOTARY PUBLIC My Commission Expires: 5/11/2018

IN TESTIMONY WHEREOF, I, Heather E. C.	larke, have hereunto set my hand and
IN TESTIMONY WHEREOF, I, Heather E. C seal this day of day of 2005.	Read Old
	Heather E. Clarke
COMMONWEALTH OF MASSACHUSETTS)) ss.
COUNTY OF MIDDLESEX)
On this day of , 200, being the E. Clarke, before me known and known to me to be the executed the foregoing instrument, and s/he duly acknown same for the purpose therein set forth.	e individual described herein and who
Notary Public Doreen Fisher Commonwealth of Massachusetts My Commission Expires on May 11, 2018	NOTARY PUBLIC My Commission Expires:
IN TESTIMONY WHEREOF, I, Bruce E. MacKay, ha	ave hereunto set my hand and seal this
17 day of 50pt, 2013.	Bul E Mally Bruce E. MacKay
COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX) ss.)
On this day of, 2 bef MacKay, before me known and known to me to be the executed the foregoing instrument, and s/he duly acknow same for the purpose therein set forth. Doreen Fisher Commonwealth of Museachessits My Commission Expires on May 11, 2018	

IN TESTIMONY WHEREOF, I, Danny Pierre,	have hereunto set my hand and seal
this 25th day of Sept, 2013.	Danny Pierre
COMMONWEALTH OF MASSACHUSETTS)
COMMON WEALTH OF WASSACHUSET IS) ss.
AND THE PRINT AND IN MEDICAL AND THE STATE OF THE STATE O) 88.
COUNTY OF MIDDLESEX)
On this day of , 200, before the known and known to me to be the in-	re me personally appeared Danny dividual described herein and who
executed the foregoing instrument, and s/he duly acknowle	edged to me that s/he executed the
same for the purpose therein set forth.	Downsile
Notary Public Doreen Fisher Commonwealth of Massachusetts My Commission Expires on May 11, 2018	NOTARY PUBLIC My Commission Expires: 5/1/2013